FIG. 1

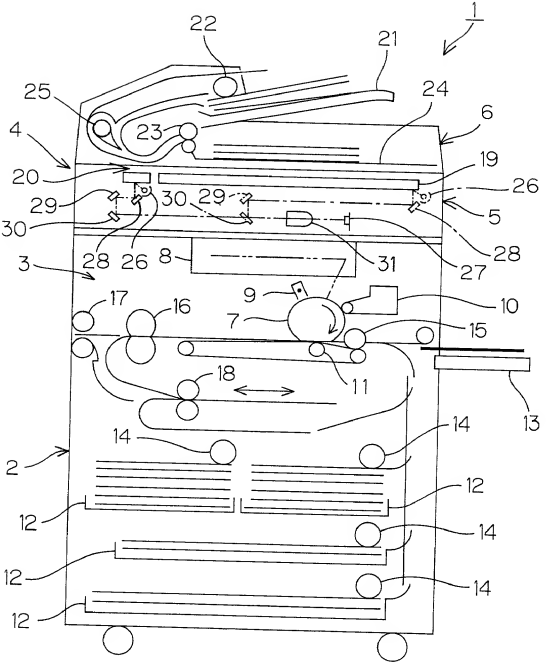
1
22
21
25
24
6
4
23
19
20
26
29
30
29
5
30
28
28
26
8
31
27
3
17
9
10
16
7
15
18
11
13
14
14
2
12
12
14
12
14
12
14

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FIG. 2

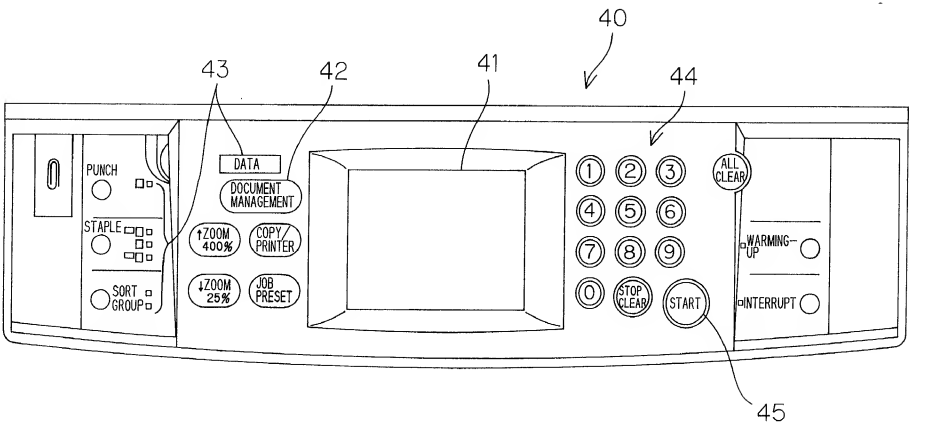

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FIG. 3

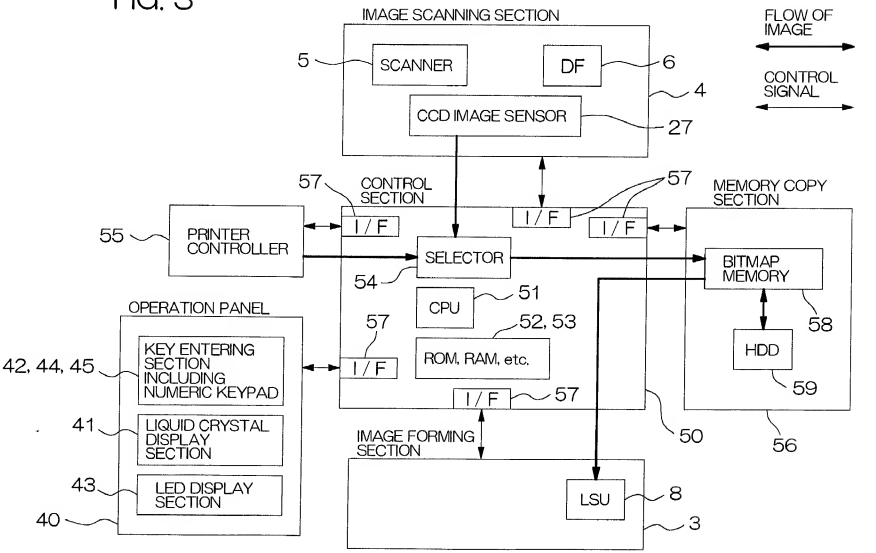


FIG. 4

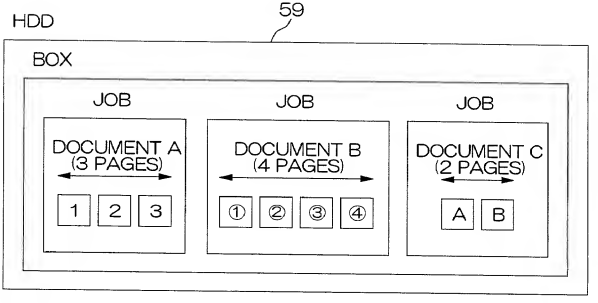

HDD
59
BOX
JOB
JOB
JOB
DOCUMENT A
(3 PAGES)
1
2
3
DOCUMENT B
(4 PAGES)
①
②
③
④
DOCUMENT C
(2 PAGES)
A
B

FIG. 5 (a)

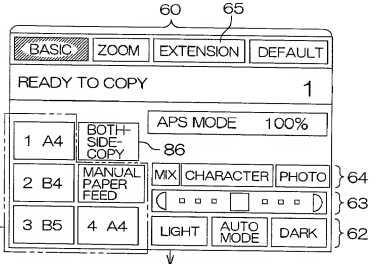


FIG. 5 (b)

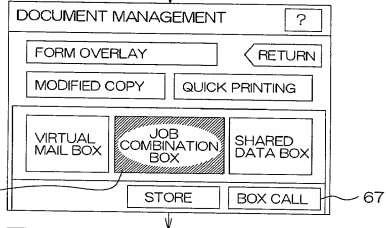


FIG. 5 (c)

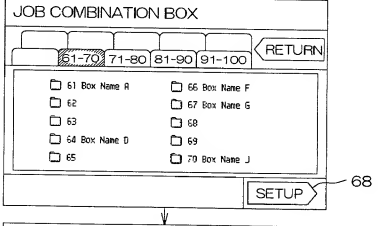
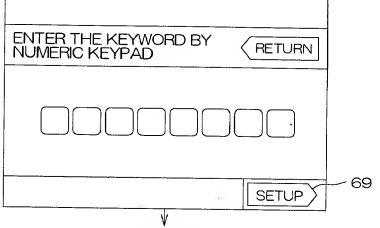


FIG. 5 (d)



TO FIG.6(e)

FROM FIG.5(d)

FIG. 6(e)

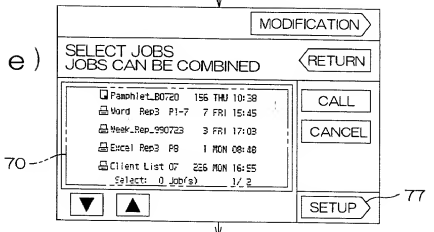


FIG. 6(f)

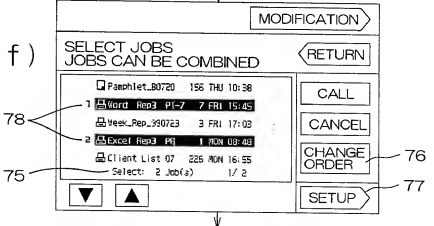


FIG. 6(g)

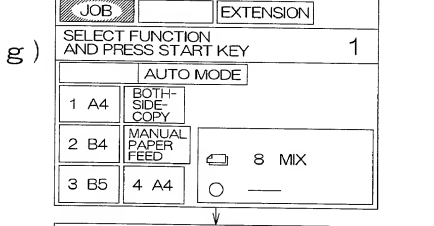


FIG. 6(h)

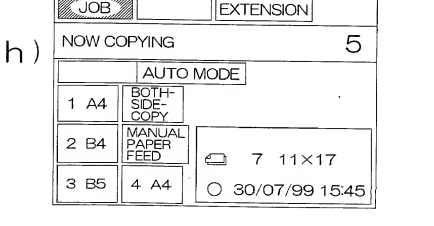


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FIG. 7

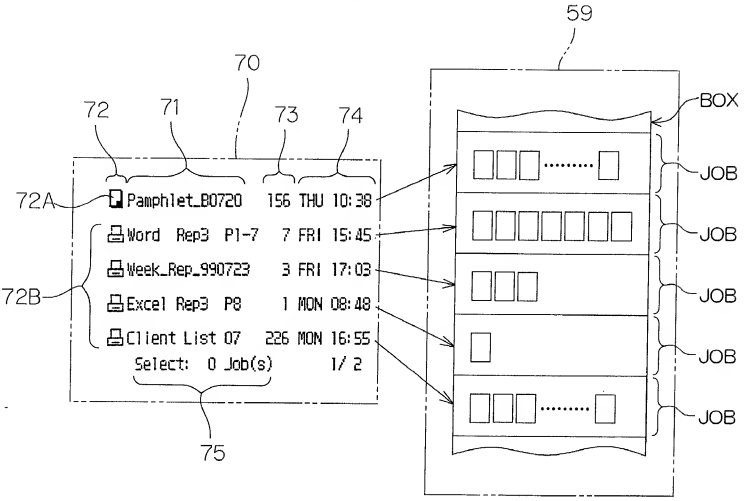

FIG. 8

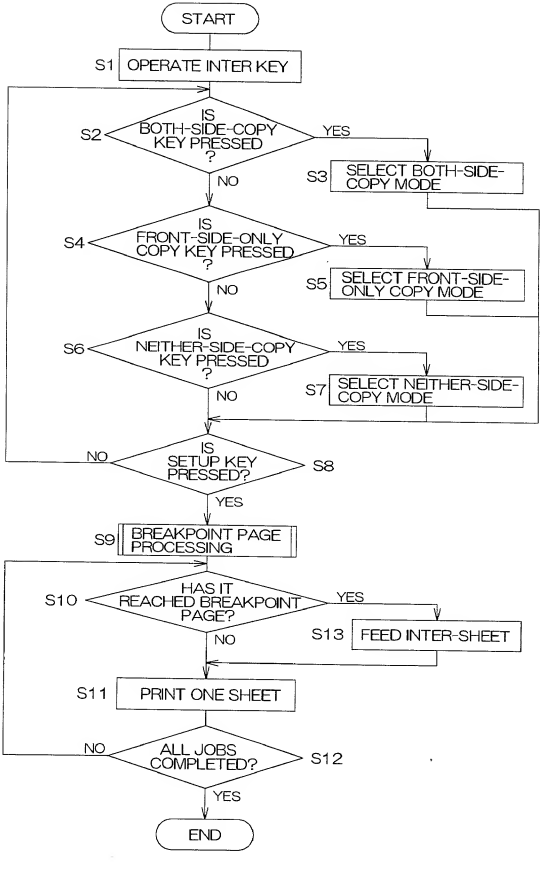
START
S1
OPERATE INTER KEY
S2
IS BOTH-SIDE-COPY KEY PRESSED ?
YES
S3
SELECT BOTH-SIDE-COPY MODE
NO
S4
IS FRONT-SIDE-ONLY COPY KEY PRESSED ?
YES
S5
SELECT FRONT-SIDE-ONLY COPY MODE
NO
S6
IS NEITHER-SIDE-COPY KEY PRESSED ?
YES
S7
SELECT NEITHER-SIDE-COPY MODE
NO
IS SETUP KEY PRESSED?
S8
NO
YES
S9
BREAKPOINT PAGE PROCESSING
S10
HAS IT REACHED BREAKPOINT PAGE?
YES
S13
FEED INTER-SHEET
NO
S11
PRINT ONE SHEET
NO
ALL JOBS COMPLETED?
S12
YES
END

FIG.9(a)

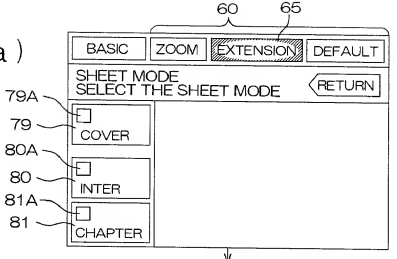

FIG.9(b)

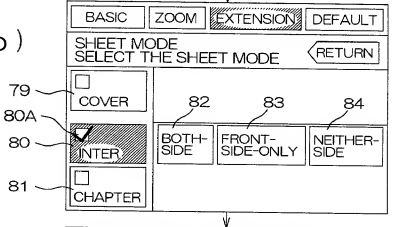

FIG.9(c)

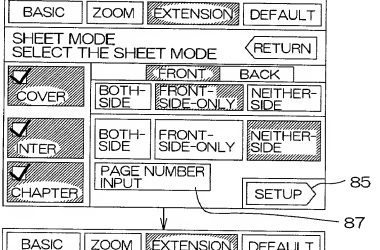

FIG.9(d)

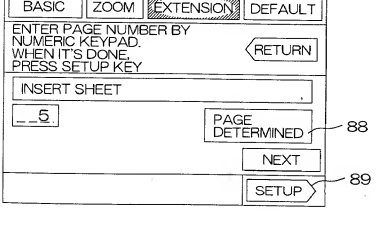

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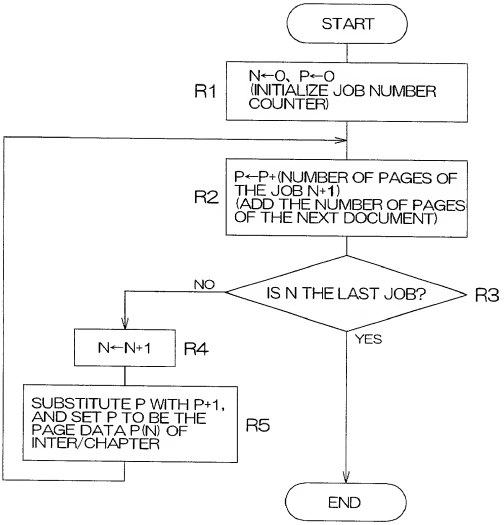
FIG. 10


START
N←0, P←0
(INITIALIZE JOB NUMBER COUNTER)
R1
P←P+(NUMBER OF PAGES OF THE JOB N+1)
(ADD THE NUMBER OF PAGES OF THE NEXT DOCUMENT)
R2
IS N THE LAST JOB?
R3
NO
YES
N←N+1
R4
SUBSTITUTE P WITH P+1, AND SET P TO BE THE PAGE DATA P(N) OF INTER/CHAPTER
R5
END

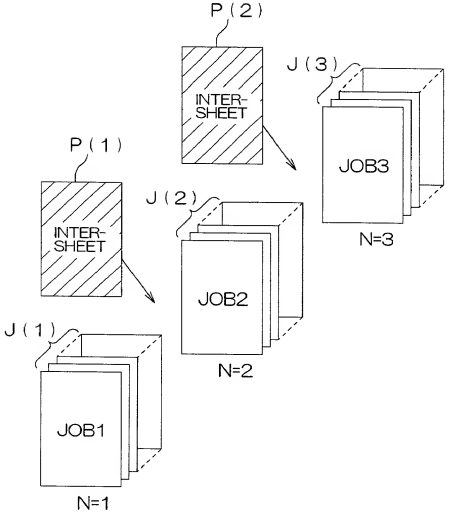



FIG. 11